

CLAIMS

1. Watercraft, particularly river boat,
having a hull (12) for receiving useful devices (14),
in which on an underside (22) of hull (12) in the bow area
(18) and both to port and starboard is in each case
provided a guiding element (24), which in each case has a
vertical, forwardly tapering wedge shape,
in which between the two guiding elements (24) is provided
a partial area (28) of hull (12) constructed in the form
of a horizontal wedge (30) and
with propulsion units (16) located on hull (12) for
generating a driving force,
characterized in that
 - a) in the bow area (18) in each case at least one propul-
sion unit (16) is set back from the guiding element
(24),
 - b) the propulsion units (16) are pivotably mounted and
 - c) the guiding elements (24) have recesses (42) in which
are located the propulsion units (16).
2. Watercraft according to claim 1,
characterized in that
the propulsion units (16) are pivotable about a vertical
axis (40).
3. Watercraft according to one of the claims 1 or 2,
characterized in that
the propulsion units (16) are constructed as drive
propellers (38).

4. Watercraft according to one of the claims 1 to 3,
characterized in that
the partial area (28) essentially has the bow shape of a
sea sledge.
5. Watercraft according to one of the claims 1 to 4,
characterized in that
at least one of the guiding elements (24) tapers rearwards
in the form of a vertical, stern-side wedge (36).
6. Watercraft according to claim 5,
characterized in that
the stern-side wedge shape (36) of at least one guiding
element (24) is more obtuse than the bow-side wedge shape
(26).
7. Watercraft according to one of the claims 1 to 6,
characterized in that
additional propulsion units (16) are provided in the stern
area of the hull (12).
8. Watercraft according to one of the claims 1 to 7,
characterized in that,
particularly port and starboard, in the stern area of the
hull (12) are provided guiding elements with a vertical
wedge shape, which taper rearwards.
9. Watercraft according to one of the claims 1 to 8,
characterized in that
covering devices are provided for the at least partial
covering of recesses (42).

10. Watercraft according to one of the claims 1 to 9,
characterized in that
the hull (12), particularly the bow-side guiding elements
(24), are constructed for ice breaking purposes.
11. Watercraft according to one of the claims 1 to 10,
characterized in that
a device for smearing with air bubbles is provided,
particularly as described in DE 103 07 795.
12. Watercraft according to one of the claims 1 to 11,
characterized in that
a setting angle of the propulsion units (16) is adaptable
to a speed of travel.
13. Watercraft according to one of the claims 1 to 12,
characterized in that
on the guiding elements (24) are provided water supply
slots (38) for the propulsion units (16), the water supply
slots (38) being provided lengthwise to the direction of
travel.